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Claim Amendments
Including a complete listing of all claims

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

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12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Previously Presented) A system for detecting a goal comprising:

an inflatable ball having a bladder and outer covering; a passive sensor located inside the bladder of said inflatable ball, said passive sensor weighing less than ten grams;

a transceiver positioned adjacent a goal so as to detect said passive sensor when said inflatable ball has completely crossed a goal line;

an electronic device worn by a referee capable of receiving a signal from said transceiver, whereby a goal is confirmed by the referee; and

an electronic cabin housing an official and additionally receiving the signal from said transceiver, whereby a decision of the referee may be checked.

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16. (Previously Presented) A system for detecting a goal as in claim 15 wherein:

said transceiver is positioned at least 30 cm inside the goal line, whereby interference from a goalkeeper or other players is prevented.

17. (Currently Amended) A goal detection system for accurately detecting a goal in a football or soccer game comprising:

an inflatable ball having a an inner bladder and outer covering;

a passive sensor located formed completely inside the thickness of the inner bladder during the phase of pressing the inner bladder of said inflatable ball, said passive sensor weighing less than ten grams;

a transceiver positioned at least 30 centimeters behind a goal line so as to detect said passive sensor when said inflatable ball has completely crossed the goal line, whereby detection of the passive sensor is improved and interference from a goalkeeper or players is reduced; and

a receiver, worn by a game official and capable of providing a vibrating signal to the game official when said passive sensor is detected by said transceiver,

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whereby the occurrence of a goal is capable of being confirmed.

18. (New) A method of detecting a goal in a football or soccer game comprising the steps of:

molding a passive sensor weighing less than ten grams completely inside the thickness of an internal bladder during pressing of the internal bladder for an inflatable ball;

positioning a transceiver at least 30 centimeters behind a goal line so as to detect the passive sensor when the inflatable ball has completely crossed a goal line, whereby detection of the passive sensor is improved and interference from a goalkeeper or players is reduced; and

providing a signal to a game official when the passive sensor is detected by the transceiver,

whereby the occurrence of a goal is capable of being confirmed.

19. (New) A method of manufacturing an inflatable ball used in detecting a goal in a football or soccer game comprising the steps of:

molding a passive sensor weighing less than ten grams completely inside the thickness of an internal bladder during pressing of the internal bladder; and

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covering the internal bladder with an external covering,
whereby the passive sensor is securely held and protected
from damage within the internal bladder.